Applicant: Title:

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Steven P. Adams et al.

CELL ADHESION INHIBITORS

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Page 2 of 6

Art unit:

Janet L. Coppins

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Amendments to the claims

This listing of claims will replace all prior versions and listings of the claims.

Listing of Claims:

1. (Previously presented) A cell adhesion inhibitory compound of formula (I):

$$R_1 \longrightarrow N \longrightarrow N \longrightarrow R_4$$

$$R_3 \longrightarrow N \longrightarrow R_4$$

$$R_4 \longrightarrow R_4$$

$$R_1 \longrightarrow N \longrightarrow R_4$$

$$R_4 \longrightarrow R_4$$

$$R_4 \longrightarrow R_4$$

or a pharmaceutically acceptable salt thereof, wherein:

X is selected from the group consisting of -CO₂H, -SO₂R₅, and -SO₃H;

Y is -CO-;

R₁ is selected from the group consisting of alkyl, alkenyl, alkynyl, cycloalkyl, cycloalkenyl, cycloalkyl-substituted alkyl, cycloalkenyl-substituted cycloalkyl, alkoxy, alkenoxy, alkynoxy, alkylamino, alkenylamino, alkynylamino, N-alkylurea-substituted alkyl, alkylcarbonylamino-substituted alkyl, and aminocarbonyl-substituted alkyl;

R₂ is selected from the group consisting of hydrogen, alkyl, alkenyl, alkynyl, cycloalkyl, and cycloalkenyl;

R₃ is selected from the group consisting of alkyl, alkenyl, alkynyl, cycloalkyl, cycloalkenyl, hydroxy-substituted alkyl, alkoxy-substituted alkyl, amino-substituted alkyl, thiol-substituted alkyl, alkylsulfonyl-substituted alkyl, (hydroxy-substituted alkylthio)-substituted alkyl, thioalkoxy-substituted alkyl, acylamino-substituted alkyl, alkylsulfonylamino-substituted alkyl, (N-(alkyl, alkenyl or alkynyl) or N,N-(dialkyl, dialkenyl, dialkynyl or (alkyl, alkenyl)-amino)carbonyl-substituted alkyl, carboxyl-substituted alkyl, and amino acid side chains selected from arginine, asparagine, glutamine, S-methyl cysteine, methionine and corresponding sulfoxide and sulfone derivatives thereof, glycine, leucine, isoleucine, allo-isoleucine, tert-leucine, norleucine, alanine, ornithine, glutamine, valine, threonine, serine, aspartic acid, beta-cyanoalanine, and allothreonine;